

Abstract of the Disclosure

5 A method for The method for transmitting a message
between a mobile communication system and at least a core
network, the mobile communication system having a mobile
station and a radio network, the method comprising the steps
of: a) at the radio network, discriminating an operating type
of a core network(s) coupled thereto; b) at the radio network,
generating and transmitting a system information message
10 having core network operating type information and information
related to the core network; c) if two or more core networks
are coupled to the asynchronous mobile communication system,
at the mobile station, selecting one core network to be
communicated with, based on the system information message; d)
15 operating a call control entity and a mobility management
entity according to an operating type of the selected core
network; and e) communicating messages between the mobile
station and the radio network, the message having a different
data format according to the operating type of the selected
20 core network.